LIST OF THE PROGRAM'S FEATURES

The program permits the users to create an account with an email, a password and define his role.

In this case, the roles are Doctor and Patient, which will allow the user to have their independent menus with different options and situations.

After the User creates an account using the Sign Up option at the start, then he will be able to Log in with his account using the correct email and password. Then, as we explained before, the program's options differ between a Patient and a Doctor.

Options for a **Patient**:

- Look his own profile: the Patient will be able to check his own information.
- Modify his Profile: In this option the Patient will be able to modify his data. We remind that the Patient has information that cannot be modified like the OrganFailure, the ID or the Email.

Options for a **Doctor**:

- Add Patient: The Doctor can add a patient into the database with all the patients' information.
- Delete patient: The Doctor can delete a patient from the database by introducing the patient's ID.
- Look his own profile: the Doctor will be able to check his own information.
- Modify his Profile: In this option the Doctor will be able to modify his data. We remind that the Doctor has information that cannot be modified like the ID or the Email.
- See nurse's availability: with this option the Doctor can see all the nurses that are available at that moment
- Assign a nurse to an operation: this allows the Doctor to assign a nurse into a future operation.
- Unassign a nurse to an operation: this allows the Doctor to unassign a nurse from n operation.
- Schedule an operation: creates a future operation for a Patient with an organ and a treatment.
- Reschedule an operation: modify the data for a specific operation.
- Show all the treatments: It will allow the doctor to see all the treatments to later assign one to a patient
- Show all the organs: It allows the Doctor to see all the organs that there are in the database.
- See characteristics for an organ: It allows the Doctor to know the data from a specific organ.
- Check compatibility between Patient and Organ: allows to the Doctor to know if the patient's body will reject or accept the Organ.
- Generate XML or HTML file: this will allow the Doctor to generate a file (XML or HTML) with the information of a Patient or his own information.
- Download XML: allow the Doctor to transfer the XML file data into the program.